

## HENDERSONVILLE WTP RESERVOIR IFIM SITE

11:14 Wednesday, August 28, 2013

NORTH FORK MILLS RIVER @ DA = 10.5 MI^2 (35.41967 -82.67457)

PERIOD: 1/1/1967 TO 9/30/2006, WATERFALL SIMULATION, 70S LAND COVER W/ NO ALTERATIONS

		MONTH												
		ANNUAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	MEAN	28.632	36.259	37.454	40.786	34.171	29.773	24.088	17.393	19.12	20.106	21.742	27.554	35.62
	ST DEV	35.999	42.302	33.402	45.655	29.998	31.117	29.02	15.148	36.611	43.598	35.394	33.051	36.056
	OBS	14518	1240	1130	1240	1200	1240	1200	1240	1240	1200	1209	1170	1209
	MIN	1.812	5.69	8.35	9.213	8.455	5.297	3.852	2.553	2.027	1.977	1.846	1.812	4.359
	PERCT 1	2.621	7.328	10.128	9.992	9.2365	6.655	5.0175	2.871	2.296	2.448	2.091	1.927	5.468
	PERCT 5	5.453	11.196	13.143	12.831	12.056	10.04	6.8665	3.942	3.309	3.0115	3.283	3.426	9.858
	PERCT 10	7.459	14.357	15.286	14.579	13.754	11.662	8.3805	5.816	4.6925	4.1015	5.342	5.8585	11.4
	PERCT 25	12.509	19.101	19.376	20.267	17.865	15.302	13.444	9.108	7.117	6.974	8.202	10.322	16.926
	MEDIAN	20.226	24.398	25.8	27.95	25.873	22.12	18.12	13.235	11.78	12.063	13.289	20.093	24.252
	PERCT 75	31.595	49.906	47.755	52.229	36.46	31.536	25.601	19.208	19.847	20.818	24.318	31.508	45.257
	PERCT 90	60.897	68.918	70.694	74.592	70.193	58.508	46.56	32.256	40.565	36.963	40.634	61.603	68.078
	PERCT 95	73.974	78.228	82.66	85.497	82.196	74.084	61.719	52.145	55.149	54.548	64.399	73.35	81.516
	PERCT 99	139.8	113.13	180.67	169.1	158.97	104.17	82.417	75.693	82.084	131.77	146.41	152.41	202.25
	MAX	908.31	881.16	394.49	696.23	460.03	473.71	621.39	178.97	852.98	908.31	876.8	452.95	400.67
	LN(7D)MEAN	0.7693	1.2924	1.3287	1.3198	1.3062	1.2255	1.144	1.0084	0.9344	0.9057	0.9669	1.0765	1.2576
	LN(7D)STD	0.2628	0.1639	0.1555	0.1525	0.1765	0.1682	0.1961	0.2503	0.2575	0.288	0.3099	0.3217	0.2264
	LN(7D)SKEW	-0.275	-1.022	-0.329	-0.572	-0.387	-0.58	-0.884	-0.45	-0.456	-0.405	-0.315	-0.873	-0.672
	7Q10	2.6658	12.088	13.333	13.112	11.86	10.059	7.6264	4.7668	3.9324	3.3614	3.6384	4.4394	9.047

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		DEC-MAR	APR-JUN	JUL-SEP	OCT-NOV
	MEAN	37.544	29.349	18.859	24.601
	ST DEV	39.845	30.34	33.903	34.378
	OBS	4819	3640	3680	2379
	MIN	4.359	3.852	1.977	1.812
	PERCT 1	7.466	5.928	2.482	1.989
	PERCT 5	11.341	8.805	3.366	3.343
	PERCT 10	13.937	11.164	4.738	5.573
	PERCT 25	18.817	15.294	7.764	8.918
	MEDIAN	25.679	21.516	12.402	16.867
	PERCT 75	48.637	31.834	19.883	27.062
	PERCT 90	70.451	58.943	36.97	53.521
	PERCT 95	82.023	74.179	53.916	69.705
	PERCT 99	176.45	110.67	88.019	149.95
	MAX	881.16	621.39	908.31	876.8
	LN(7D)MEAN	1.1672	1.1178	0.8296	0.9396
	LN(7D)STD	0.1906	0.1853	0.2654	0.3148
	LN(7D)SKEW	-0.779	-0.887	-0.274	-0.258
	7Q10	8.1904	7.4228	3.0391	3.377